to set up projects, in the country for producing non-conventional energy;

(b) if so, the details thereof;

(c) whether Government are planning to make the use of N.C.E.S. as mandatory for Defence and other sectors in remote areas; and

(d) whether it is also a fact, that the World Bank had agreed to provide 195 million U.S. Dollars for the projects involved in producing N.C.E.S.; if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES WITH ADDI TIONAL CHARGE OF THE MINIS TER OF STATE IN THE MI NISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) and (b) Interest has been expressed by manufacturers, technology experts, NRI's etc. for establishing joint ventures and projects in the areas of wind (power, solar energy, regeneration, tidal energy, battery manufacture etc. including Cannon Power Corpn. AV Financial Corpn., Sea Solar Power Inc., Energy Conversion Devices Inc. United Solar Systems Corpn., Siemens Solar Industries, Research and Development Laboratory of USA, M/s Vestas and Micon of Denmark, Solel Solar Systems of Israel, Elcctricity De France etc.

(c) Several non-iconventional energy devices are already being used by Defence and other sectors in remote areas as for example for lighting, communications, water heating etc. A proposal lias been made for mandatory use of solar water heating systems in gov-ernmen; establishments and buildings.

(d) The World Bank has agreed to provide US $ 145 million for India's Renewable Resources Development Project (RRDP). Out of this, US $ 115 million is being provided as IDA credit and US S 26 million is being provided as grant- under Global Environmental Facility (GEF).

The project comprises of three components namely:

1. Small Hydro US $ 70 million
2. Wind Farm US $ 28 million 3. Solar PV US $ 38 million

Agreements to this effect were signed between Government of India and I.D.A., and IREDA and IBRD (for GEF grant), on March 5, 1993 and tie credit has come into effect from April 6, 1993. In addition, cofmancing of US $ 4 million from Swiss Development Coopera-:ion as grant for Solar PV component of the project is also available. Negotiations for a mixed credit of US $ 50 million from DANIDA are in progress for the wind farm component of the project.

Joint ventures in the field of non-conventional energy

1488. DR. SANJAYA SINH: Will the PRIME MINISTER be pleased to state;

(a) whether it is a fact that foreign manufacturers and technology experts in the field of non-conventional energy have recently shown interest in setting up joint ventures in India; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENENRGY SOURCES WITH ADDI-TIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) Yes, Sir.

(b) Interest has been expressed by manufacturers, technology experts, NRI's etc. for establishing joint ventures and' projects in the areas of wind power, solar energy, cogeneration, tidal energy, rechargeable storage bettery etc., including Cannon Power Corpn., AV Financial Corpn., Sea Solar Power inc., Energy Conversion Devices Inc., United Solar Systems Corpn., Siemens Solar Industries, Research and Development Laboratory of USA, M/s Vestas and Micon of Denmark, Solel Solar Systems of Israel, Electricity De France of France etc.